Job Posting

Canada Research Chair in Sustainable Food Systems Modeling (Req #01438)

Full Time? YES
Permanent? YES

Posting Start Date: February 26, 2018
Posting End Date: July 1st, 2018

Full Time tenure-track position at the rank of Assistant or Associate Professor. The successful candidate will be welcomed to a vigorous research environment with ample opportunity to make an immediate impact.

The CRC in Sustainable Food Systems Modeling will shape the next generation of evidence-based analyses of food systems by developing new techniques to integrate large data sets including multiple livestock production systems, environmental sustainability and social indicators. The successful candidate will develop novel techniques to integrate these data in a mathematically and socially meaningful way. These systems-level analyses will serve to identify alternative management practices, inform policy related to livestock and the environment, and enhance the adaptive capacity of the sector. The recruit is expected to develop a rigorous, independently funded research program leading collaborations among a diverse team of scientists from agricultural and food systems, as well as social, economic and policy experts, to include research focused on the socio-ecological aspects of food systems.

Applicants must be established scholars with demonstrated potential for becoming world leaders in their research area. The candidate must possess a PhD and have proven success in animal science, biosystems/ agricultural engineering, mathematics, or environmental science/engineering with expertise in systems modelling and a good understanding of animal and crop production processes. As well, the candidate must have a strong publication record, national funding and HQP training that demonstrate an active and recognized program in biological systems modeling. They should also have a strong commitment to conducting interdisciplinary research and the ability to develop a stimulating research environment which will attract high caliber graduate students. Rank and salary will be commensurate with qualifications and experience.

The successful candidate will be nominated for a Tier 2 CRC supported by the Natural Sciences and Engineering Research Council and must develop a research plan focused on Sustainable Food Systems Modeling. Applicants must be exceptional emerging scholars with less than 10 years of experience as an active researcher since obtaining their terminal degree at the time of nomination. Tier 2 Chairs are valued at $100,000 per year for 5 years with an option to renew once. Applicants who are more than 10 years from having earned their highest degree (and where career breaks exist, such as maternity, parental or extended sick leave, clinical training, etc.) will have their eligibility for a Tier 2 Chair assessed through the program's Tier 2 justification process.

Company Confidential
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Please contact the UM's strategic research initiative office for more information:  
http://umanitoba.ca/research/ors/strategic_research_initiatives.html#Canada_Research_Chairs  
The Canada Research Chairs website provides full program information including details on eligibility criteria:  

The University of Manitoba is strongly committed to equity and diversity within its community and especially welcomes applications from women, racialized persons/persons of colour, Indigenous peoples, persons with disabilities, persons of all sexual orientations and genders, and others who may contribute to the further diversification of ideas. International applicants are encouraged to apply, however, Canadian citizens and permanent residents will be given priority.

Applications will start to be considered on March 16, 2018 and will continue until the position is filled. It is anticipated the position will begin on July 1, 2018 or as soon as possible thereafter.

Applicants should forward a cover letter outlining their interest in and qualifications for the position, a curriculum vitae, statement of teaching philosophy, a brief five-year research plan, examples of significant research contributions, and the names and contact information of three potential referees to:

Dr. Martin Nyachoti  
Chair, CRC Search Committee  
Department of Animal Science  
Faculty of Agricultural and Food Sciences  
University of Manitoba  
Email: Martin.Nyachoti@umanitoba.ca  
Phone: 204.474.7323

For further information, direct calls/email to the Search Committee Chair.

Please note that curriculum vitae may be provided to participating members of the search process.

Application materials, including letters of reference, will be handled in accordance with the "Freedom of Information and Protection of Privacy Act" (Manitoba).

Job Requirements